Aaditya Shah

I BUILD APPS

San Jose, California | github.com/aShah2025 | Devpost | aadityashah.vercel.app

SUMMARY

High-school student at Leland High in San Jose. I build iPhone apps, AI agents and games. Kura earned Congressional recognition in the 2025 Congressional App Challenge; I'm competing again in 2026 with Canary.

EXPERIENCE

iOS Developer, Canary

2026 · Congressional App Challenge · with Rishith Chennupati

Catches sleep and mood drift before you do.

- Each morning a **30-second face read** lays ARKit's 3D face mesh over the front camera and tracks eyelid openness and facial movement 60 times a second.
- Combines it with **heart rate, HRV, breathing and sleep** from Apple Health, flags drift from your own four-week baseline, and runs entirely on the phone. Its crisis-language check caught **255 of 255** test phrases.

iOS Developer, Kura

2025 · Congressional App Challenge

- A SwiftUI calorie and macro tracker that keeps calories, protein, carbs and fat quick to log. **Earned Congressional recognition.**

Builder, Wayfinder

2026 · ImpactHack

Bike routes that actually listen.

- Describe how you want to ride and it builds real routes, **measures every street on them**, and picks the best fit. The AI only turns your words into settings; routing and scoring are my own code on Valhalla and OpenStreetMap.

Builder, CultureRisk

Qloo Agentic Hackathon

Know the audience before you greenlight.

- An **autonomous research agent** on Qloo's taste graph that plans across four endpoints, re-plans as evidence comes in, and writes a memo with a 0–100 culture-risk score traced to logged calls. Also ships as an MCP tool.

AWARDS & RECOGNITION

- **Congressional recognition, Congressional App Challenge 2025.** For Kura.
- **Spelling Bee Champion, Bret Harte Middle School** (7th grade), then 15th of 140 at regionals. Also 3rd in the Geography Bee (7th) and Spelling Bee (6th).

GITHUB ACTIVITY



CONTRIBUTION ACTIVITY · LAST 12 MONTHS

221 CONTRIBUTIONS · LAST YEAR

11 PUBLIC REPOS

Top 10% ON GITHUB

Swift, Python, JavaScript, TypeScript and C# across iOS apps, AI agents, web tools and games, mostly in private repos.

SELECTED PROJECTS

Refill. **Classroom supplies.** Drafts supply requests from plain English, on live DonorsChoose data via a Cloudflare Worker.

CourseFit. **School scheduling.** Turns student course picks into conflict-free schedules around teacher availability and room capacity.

WingLab. **Aerodynamics on the Mac.** Reshape a wing, change airflow and angle of attack, and compare lift, drag and efficiency.

Sum. **Budgeting.** Built with Rishith Chennupati for saving toward the things you actually want.

Turbo Lane, Formula Racer. **Games.** A three-lane arcade racer, and a 3D racing game in Unity inspired by F1 games, in development.

ACTIVITIES

DEBATE	Policy and Congressional debate
KUNG FU	5 years, red-black belt; black belt test 2027
PIANO	6 years, classical, RCM Level 9
CLUBS	Leland Hackathon, Leland Motorsport

TECHNICAL SKILLS

LANGUAGES	Swift, Python, Java, JavaScript, TypeScript, HTML / CSS, C# (Unity), C++ (learning)
iOS	SwiftUI, ARKit, HealthKit, Xcode
AI / AGENTS	Gemini API, Qloo API, MCP, agent loops
WEB	FastAPI, Node.js, Cloudflare Workers, Three.js
TOOLING	Claude Code, Codex, VS Code, PyCharm, Git